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DEPARTMENT OF COMMERCE, LABOR & ENVIRONMENTAL RESOURCES
DIVISION OF ENVIRONMENTAL PROTECTION

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OFFICE OF AIR QUALITY

PERMIT TO CONSTRUCT, MODIFY, OR RELOCATE
STATIONARY SOURCES OF AIR POLLUTANTS

PERMIT NO.: R13-1646

DATE: December 1, 1993

IN ACCORDANCE WITH THE WEST VIRGINIA AIR POLLUTION CONTROL LAW (§16-20) AND ADMINISTRATIVE REGULATIONS PROMULGATED THEREUNDER, THE FOLLOWING PERMITTEE IS AUTHORIZED TO MODIFY THE SUBJECT FACILITY IN ACCORDANCE WITH THIS PERMIT.

Name of Permittee: INCO Alloys International, Inc.

Mailing Address: P.O. Box 1958

Huntington, WV 25720

Nearest City
or Town: Huntington

County: Cabell

Directions to
Exact Location: Located off U.S. Route 60, at 3200 Riverside Dr.,

Huntington, West Virginia

Type of Facility
or Modification: One (1) 20,000 lb/hr, alloy rod charge capacity, Natural Gas-
fired annealing furnace rated at 14.46 x 10⁶ Btu/hr MDHI,
venting through two roof fans.

SPECIFIC REQUIREMENTS

(A) IN ACCORDANCE WITH THE PERMIT APPLICATION AND ITS AMENDMENTS THIS PERMIT IS LIMITED AS FOLLOWS:

(1) Discharge from the Natural Gas-fired furnace to the roof vent fans shall not exceed the following limitations:

	<u>Pollutant</u>	<u>lb/hr</u>
SO ₂	Particulate	0.07
		0.01

NO _x	1.93
CO	0.48
VOC	0.04

(2) Natural Gas consumption shall not exceed 13,800 cf/hr.

(3) The furnace shall not process more than 20,000 lb/hr of alloy rods.

(B) OTHER REQUIREMENTS

(1) The permitted facility shall comply with all applicable requirements of 45CSR7 and any more stringent requirements under Paragraph A of this permit. The principal provision of 45CSR7 applicable to the proposed facility is the following:

Visible emissions of smoke and/or particulate matter shall not be darker than twenty percent opacity except that emissions less than forty percent opacity are allowable for any period or periods aggregating no more than five minutes in any sixty minute period from the furnace venting to the roof fans (EP.ID MA-4).

(2) The permittee shall maintain records showing the amount of natural gas fired monthly in the permitted annealing furnace. Such records shall be maintained by the permittee for at least three (3) years. Monthly records shall be made available to the Chief or his duly authorized representative upon request. Such records shall be certified by the permittee or responsible official of the company to be true and accurate. See Appendix A

(3) Tests to determine compliance with the NO_x emission limitations set forth in Specific Requirements A(1) of this permit shall be conducted in accordance with the methods as set forth in 40 CFR 60, Appendix A, as approved by the Chief. The Chief may require a different test method or approve an alternative method in light of technology advancement that may occur.

GENERAL REQUIREMENTS

(1) In accordance with 45 CSR 22 - "Air Quality Management Fee Program", the permittee shall not operate nor cause to operate the permitted facility or other associated facilities on the same or contiguous sites comprising the plant without first obtaining and having in current effect a Certificate to Operate. Such Certificate to Operate shall be renewed annually, shall be maintained on the premises for which the Certificate has been issued, and shall be made immediately available for inspection by the Chief or his duly authorized representative.

(2) Possession of this permit does not relieve any person of the responsibility of complying with any and all applicable rules or regulations of the Commission or any other governmental agency.

(3) The permitted facility must be constructed and operated in accordance with information filed in Permit Application No. 1646. The Chief may cancel or suspend a permit if the plans and specifications upon which the approval was based are not adhered to.

(4) At such reasonable time(s) as the Chief may designate, the permittee shall conduct or have conducted tests to determine compliance with the emission limitations established in the permit

application and/or applicable WVAPCC regulations. Tests shall be conducted in such a manner as the Chief may specify or approve and must be filed in a manner acceptable to the Chief. The Chief, or his duly authorized representative, may at his option witness or conduct such stack test. Should the Chief exercise his option to conduct such tests, the operator will provide all the necessary sampling connections and sampling ports to be located in such manner as the Chief may require, power for test equipment, and the required safety equipment such as scaffolding, railings, and ladders to comply with general accepted good safety practices. For any tests to be conducted by the permittee, a test protocol must be submitted to the WV Office of Air Quality by the permittee at least thirty (30) days prior to the test and must be approved by the Chief. The Chief must be notified at least fifteen (15) days in advance of the actual dates and times during which the test will be conducted.

(5) THIS PERMIT IS NON-TRANSFERABLE.

ISSUED BY: _____

G. DALE FARLEY, CHIEF
OFFICE OF AIR QUALITY

DATE: _____

Enclosures